

CLAIMS

I claim:

1. A temperature control device for preventing liquid in a pipe from freezing comprising:

a control valve having a housing in fluid communication with the liquid in the pipe, a valve seat, a ball valve and a bimetallic disk, an inlet and an outlet;

wherein said bimetallic disk has a first deactivated position wherein said bimetallic valve presses said ball valve against said valve seat to prevent flow through said control valve body, and a second activated position wherein said bimetallic releases said ball valve from said valve seat to allow flow through said control valve body;

wherein when the temperature of liquid in said housing is above a first predetermined temperature the bimetallic disk moves to said first position and when the temperature is below a second predetermined temperature the bimetallic disk moves to said second position to allow liquid in said pipe to flow through said control valve.